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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

TIMOTHY CASPAR

CASE NO.: BB-1386USPCT

APPLICATION NO.: 10/019,633

GROUP ART UNIT: 1638

FILED: DECEMBER 27, 2001

EXAMINER: PHUONG T. BUI

CONFIRMATION NO.: 1132

FOR: PURINE METABOLISM GENES IN PLANTS

AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed January 30, 2004.
Reconsideration is respectfully requested and the following submitted in support thereof.

Amendment to the Sequence Listing begins on page 2 of this paper.

Amendments to the Drawings begin on page 3 of this paper.

Remarks begin on page 4 of this paper.

Appendix A is attached herewith.

Signed copy of Restriction election is attached herewith.

Amendment of Sequence Listing

Clarification of the start and stop of the open reading frame of SEQ ID NO:1 was requested. It is noted that translation of nucleotides 1 through 1737 (s of the nucleotide sequence of SEQ ID NO:1 yields a polypeptide having a total of 578 amino acids that is depicted in SEQ ID NO:2.

Amendments to the Drawings:

Attached are three (3) sheets of drawings that include changes to the designation of each sheet of Figure 2 and Figure 3. These sheets, now labeled "Figure 2A", "Figure 2B" and "Figure 3A" replace the original three sheets collectively labeled "Figure 2" and "Figure 3".